

Title (en)
Fixing Device and Image forming Apparatus Including the Fixing Device

Title (de)
Fixiervorrichtung und zugehörige Bilderzeugungsvorrichtung

Title (fr)
Dispositif de fixation et appareil de formation d'images comprenant celui-ci

Publication
EP 1927902 B1 20151014 (EN)

Application
EP 07121135 A 20071120

Priority
• JP 2006319412 A 20061128
• JP 2007127628 A 20070514

Abstract (en)
[origin: EP1927902A1] A fixing device (20) and an image forming apparatus (1) including the fixing device (20). The fixing device (20) includes a heat source (25), an endless, flexible fixing member (21) to fix a toner image (T) by heating and melting the toner image (T) onto a recording medium (P), a pressure member (31) to press against the fixing member (21), a stationary facing member (22) to face an inner surface of the fixing member (21) and heat the fixing member (21) while contacting the pressure member (31) via the fixing member (21) at a nip portion formed between the fixing member (21) and the pressure member (31), and a reinforcement member (23) to reinforce the facing member (22) at the nip portion by contacting an inner surface of the facing member (22) in a fixed manner.

IPC 8 full level
G03G 15/20 (2006.01)

CPC (source: EP US)
G03G 15/2053 (2013.01 - EP US); **G03G 2215/2016** (2013.01 - EP US); **G03G 2215/2035** (2013.01 - EP US); **G03G 2215/2064** (2013.01 - EP US)

Citation (examination)
JP 2006251069 A 20060921 - KYOCERA MITA CORP

Cited by
EP2006749A3; EP2780765A4; RU2617552C2; EP2360532A3; EP2439598A1; US8526870B2; US8644749B2; US7792476B2; EP2177955B1

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